## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Kyung-Ho Yoon et al. Confirmation No.:

Serial No.

Filed : TC/A.U. :

Examiner

Docket No. : 04-156 Customer No. : 34704

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313

## INFORMATION DISCLOSURE STATEMENT

## Dear Sir:

In accordance with the requirements of 37 CFR 1.97 and 1.98, Applicants hereby submit the documents listed hereinbelow, copies enclosed.

- (1) International Publication No. WO 99/03108 entitled GRID NUCLEAR FUEL ASSEMBLY AND INSERT FOR SAME, By Mayet et al., published January 21, 1999. This document is attached hereto.
- (2) International Publication No. WO 94/25965 entitled

  SPACER GRID ROD SUPPORT SYSTEM, By Hatfield, published

  November 10, 1994. This document is attached hereto.
- (3) U.S. Patent No. 6,236,702 entitled FUEL ASSEMBLIES

  SPACER GRID WITH SWIRL..., By Chun et al., patented May

  22, 2001. This patent is attached hereto.

- (4) U.S. Patent No. 5,139,736 entitled FUEL ASSEMBLY SUPPORT GRID, By Bryan, patented August 18, 1992. This patent is attached hereto.
- (5) U.S. Patent No. 4,396,573 entitled SPACE GRATE FOR

  FUEL-ELEMENTS OF NUCLEAR REACTORS, By Feutrel, patented

  August 2, 1983. This patent is attached hereto.

The undersigned submits the above-identified references for independent consideration by the Examiner and does not make any admission that these references are or are not material to the present invention or that these references are or are not prior art with respect to the present invention.

Respectfully submitted,

Kyung-Ho Yoon et al.

Ву

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Date: February 5, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313" on February 5, 2004.

Rachel Piscitelli

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04-156

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number

Filing Date

First Named Inventor

Art Unit

Examiner Name

Sheet

of 1

Attorney Docket Number

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Publication Date MM-DD-YYYY  Number-Kind Code <sup>2 (f known)</sup>	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		<sup>US-</sup> 6,236,702	05-22-2001	Chun et al.			
		<sup>US-</sup> 5,139,736	08-18-1992	Bryan			
		<sup>US-</sup> 4,396,573	08-02-1983	Feutrel			
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Т6
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
_		WO 99/03108	01-21-1999	Mayet et al.		Г
		WO 94/25965	11-10-1994	Hatfield		
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.